

## Activity 2

## STUDY GUIDE

## ● Earth's Moon

*In the blank at the left, write the term from the box that matches the description.*

lunar eclipse	first quarter	full moon	waning gibbous
new moon	solar eclipse	umbra	third quarter
waxing	waxing gibbous	waning	waning crescent
moon phases	neap tide	crater	spring tide

- \_\_\_\_\_ 1. Changing appearances of the moons as seen from Earth
- \_\_\_\_\_ 2. Phase of the moon when you see only half of the lighted side after a full moon
- \_\_\_\_\_ 3. Occurs when the Earth, moon and sun are in a straight line
- \_\_\_\_\_ 4. Period when the amount of the lighted side that can be seen becomes increasingly smaller
- \_\_\_\_\_ 5. Period after a new moon when more and more of the lighted side of the moon becomes visible
- \_\_\_\_\_ 6. Phase when the lighted half of the moon is facing the sun and the dark side faces Earth
- \_\_\_\_\_ 7. Waxing phase of the moon when you can see half of the lighted side, or one-quarter, of the moon's surface
- \_\_\_\_\_ 8. Phase of the moon when the half of the moon's surface facing Earth is lighted
- \_\_\_\_\_ 9. Waxing period when more than one-quarter but less than half of the lighted side of the moon's surface can be seen
- \_\_\_\_\_ 10. Occurs when the moon moves directly between the sun and Earth and casts a shadow on part of Earth
- \_\_\_\_\_ 11. Occurs when Earth's shadow falls on the moon
- \_\_\_\_\_ 12. Large depression caused by asteroid impacts
- \_\_\_\_\_ 13. Occurs just before a new moon
- \_\_\_\_\_ 14. The dark part of the moon's shadow
- \_\_\_\_\_ 15. Occurs when the line between the Earth, moon and sun forms a right angle
- \_\_\_\_\_ 16. Phase that starts just after the full moon